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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
with Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

0583P40US02

First Named Inventor

Shalini PERIYALWAR et al

**COMPLETE IF KNOWN**

Application Number

Filing Date

Art Unit

Examiner Name

As the below named inventor, I hereby declare that:

My residence, mailing address, and citizenship are as stated below next to my name.

I believe I am the original and first inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**MULTI-HOP INTELLIGENT RELAYING METHOD AND APPARATUS FOR USE IN A  
FREQUENCY DIVISION DUPLEXING BASED WIRELESS ACCESS NETWORK**

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

[Page 1 of 2]

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**DECLARATION — Utility or Design Patent Application**Direct all correspondence to: ☒ Customer Number **20779** OR ☐ Correspondence address below

Name

Address

City

State

ZIP

Country

Telephone

Fax

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVENTOR : ☐ A petition has been filed for this unsigned inventorGiven Name **Shalini**  
(first and middle [if any])Family Name **PERIYALWAR**  
or SurnameInventor's  
Signature*Shalini*

Date

*July 3/03.*

Nepean

Residence: City

Ontario

State

Canada

Country

Canadian

Citizenship

Mailing Address **88 Summerwalk Place**

Nepean

City

Ontario

State

**K2G 5Y4**

ZIP

Canada

Country

NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventorGiven Name **Yoon Chae**  
(first and middle [if any])Family Name **CHEONG**  
or SurnameInventor's  
Signature*X [Signature]*

Date

*July 4, 2003*

Kanata

Residence: City

Ontario

State

Canada

Country

Canadian

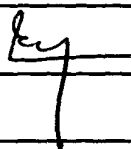
Citizenship

Mailing Address **294 Knudson Drive**Kanata  
CityOntario  
State**K2K 2P1**

ZIP

Canada  
Country☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

<b>DECLARATION</b>	<b>ADDITIONAL INVENTOR(S)</b> <b>Supplemental Sheet</b> Page <u>1</u> of <u>1</u>
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name <b>Nimal</b>		Family Name or Surname <b>SENARATH</b>	
Inventor's Signature 		Date <b>04-07-2003</b>	
Residence: City <b>Nepean</b>	State <b>Ontario</b>	Country <b>Canada</b>	Citizenship <b>Australian</b>
Mailing Address <b>46 Maple Stand Way</b>			
City <b>Nepean</b>			
State <b>Ontario</b>			
ZIP <b>K2G 6P5</b>			
Country <b>Canada</b>			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City			
State			
ZIP			
Country			
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City			
Stat			
ZIP			
Country			

PATENT/DOCKET NO. 0583P40US02  
CUSTOMER NO. 20779

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Shalini PERIYALWAR	§	Attorney Docket No. <u>0583P40US02</u>
et al	§	
Serial No.: n/a	§	
	§	
Filed: Herewith	§	Group Art Unit: n/a
	§	
Title: MULTI-HOP INTELLIGENT RELAYING	§	
METHOD AND APPARATUS FOR USE	§	
IN A FREQUENCY DIVISION	§	
DUPLEXING BASED WIRELESS	§	
ACCESS NETWORK	§	
	§	Examiner: n/a

Commissioner for Patents  
Washington, D.C. 20231

POWER OF ATTORNEY FOR  
PATENT APPLICATION

Nortel Networks Limited, a Canadian corporation having principal offices at:

**2351 Boulevard Alfred-Nobel  
St. Laurent, Quebec H4S 2A9, Canada**

the owner by assignment of the entire right, title and interest to the invention for **MULTI-HOP INTELLIGENT RELAYING METHOD AND APPARATUS FOR USE IN A FREQUENCY DIVISION DUPLEXING BASED WIRELESS ACCESS NETWORK**, by Shalini PERIYALWAR, Yoon Chae CHEONG, Nimal SENARATH, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, hereby appoints the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

☒ Practitioners at Customer Number



Place Customer  
Number Bar Code  
Label here

PATENT TRADEMARK OFFICE

its attorneys with full power of substitution and revocation, to prosecute all domestic and foreign patent applications, including PCT and EPO filings, relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

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Please address all correspondence and telephone calls regarding this application to:

SHAPIRO COHEN,  
P.O. Box 3440, Station D,  
Ottawa, Ontario, K1P 6P1,  
Canada.

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

7/10/2003  
Date

NORTEL NETWORKS LIMITED

  
Name: Paul Hashim

Director of IP - Richardson  
Title